

FIG. 1

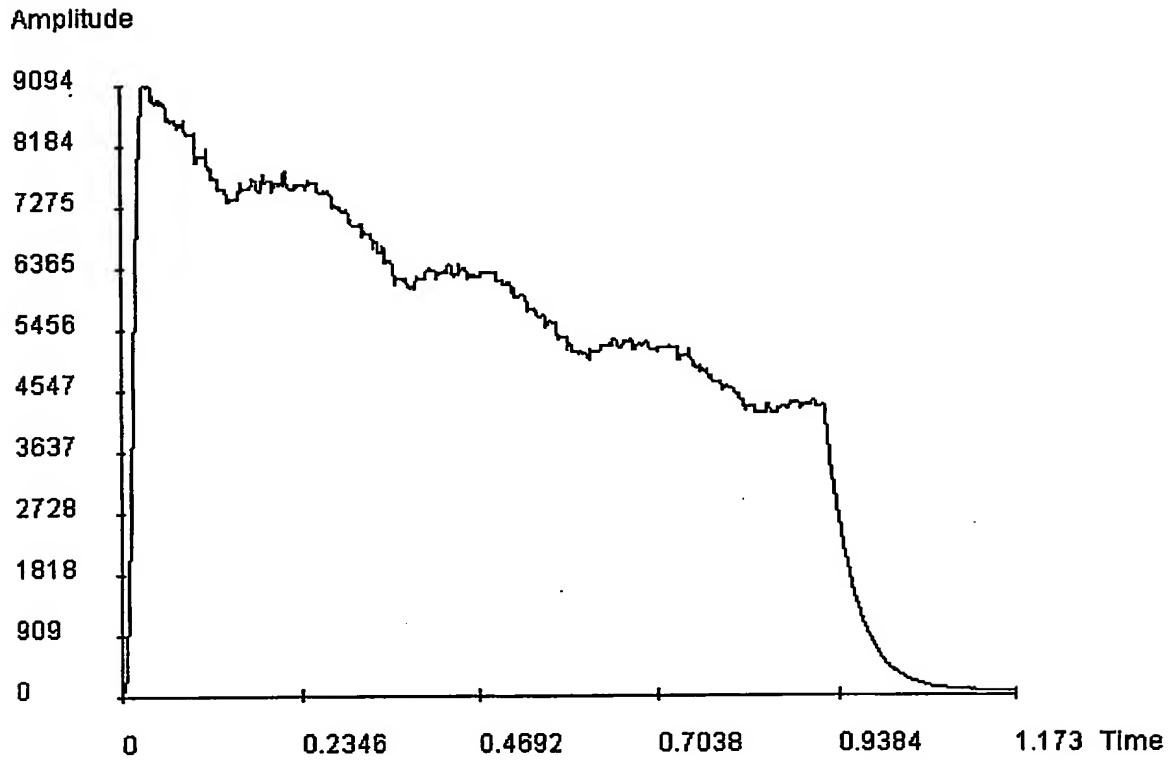


FIG. 2

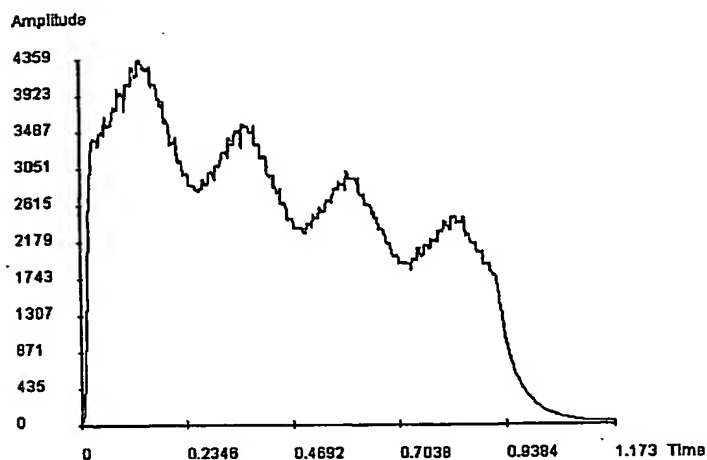


FIG. 3

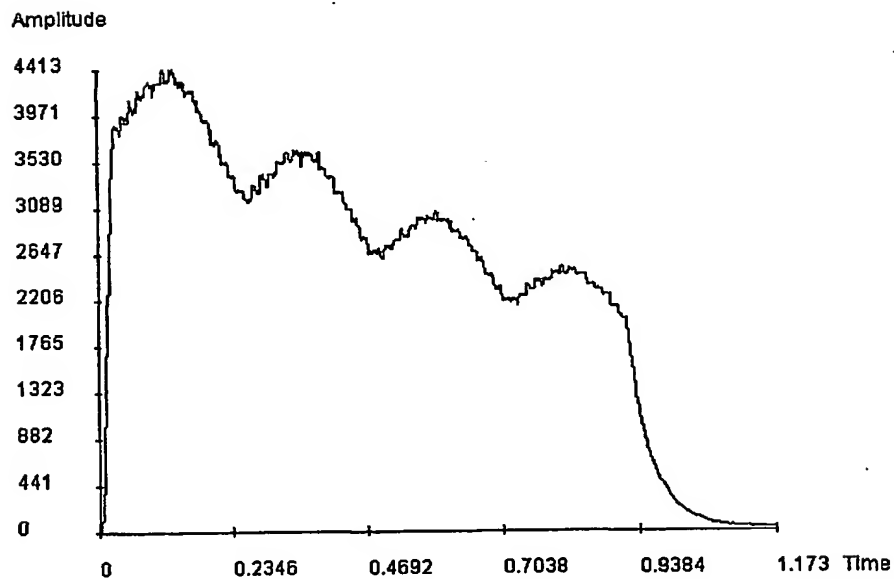


FIG. 4

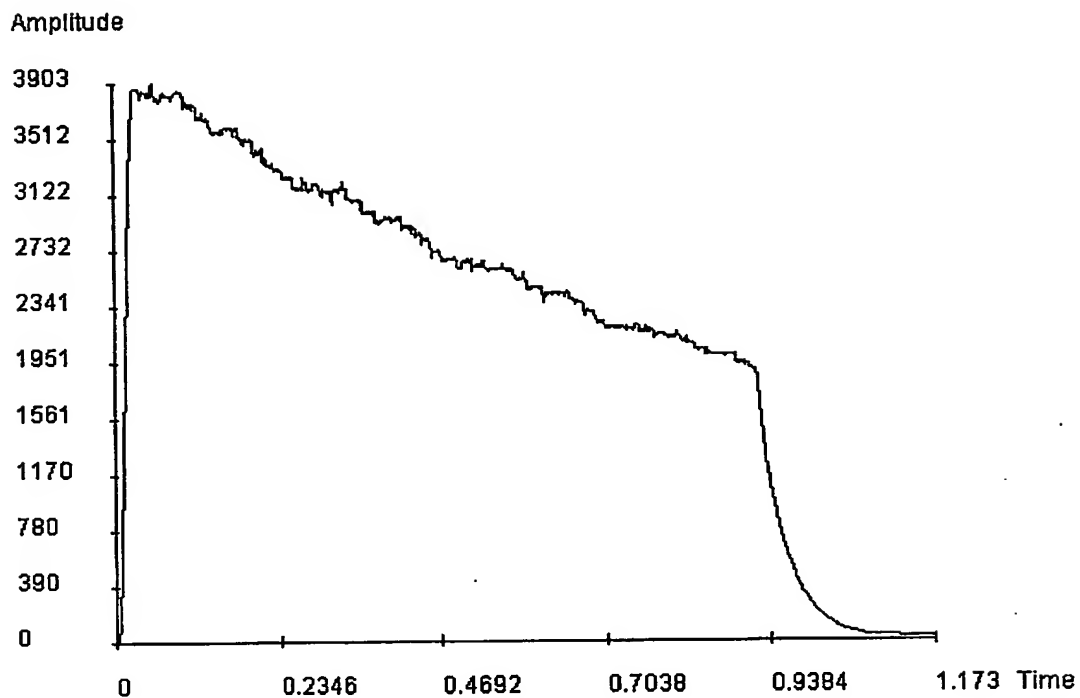


FIG. 5

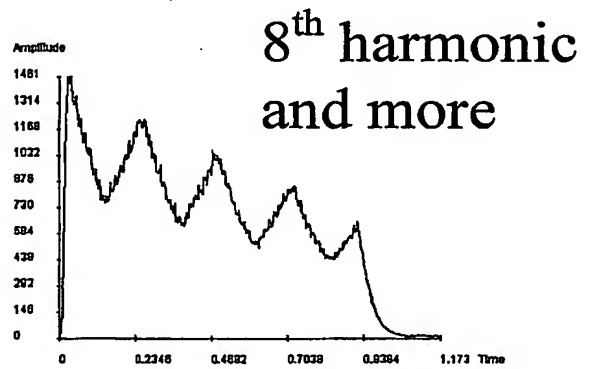
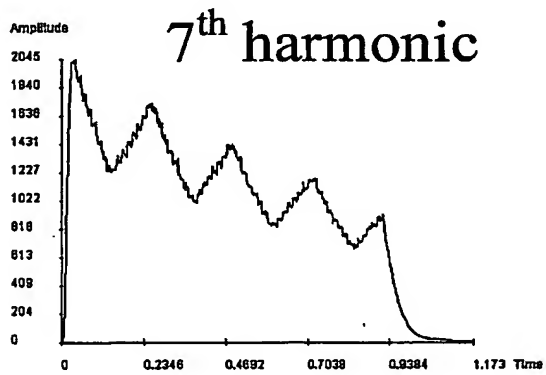
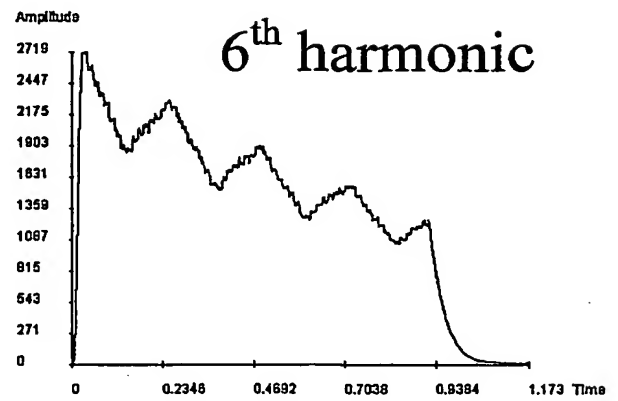
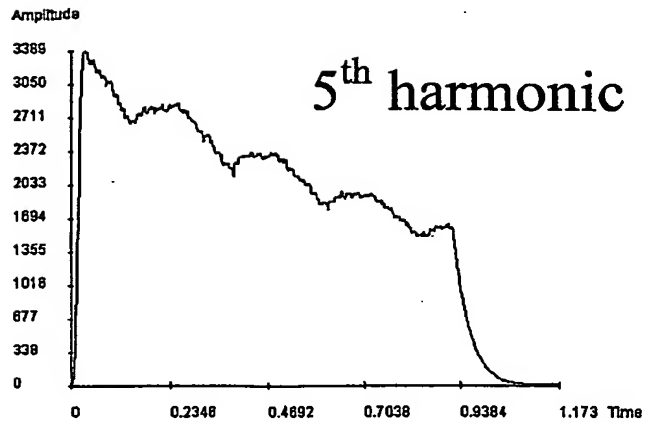
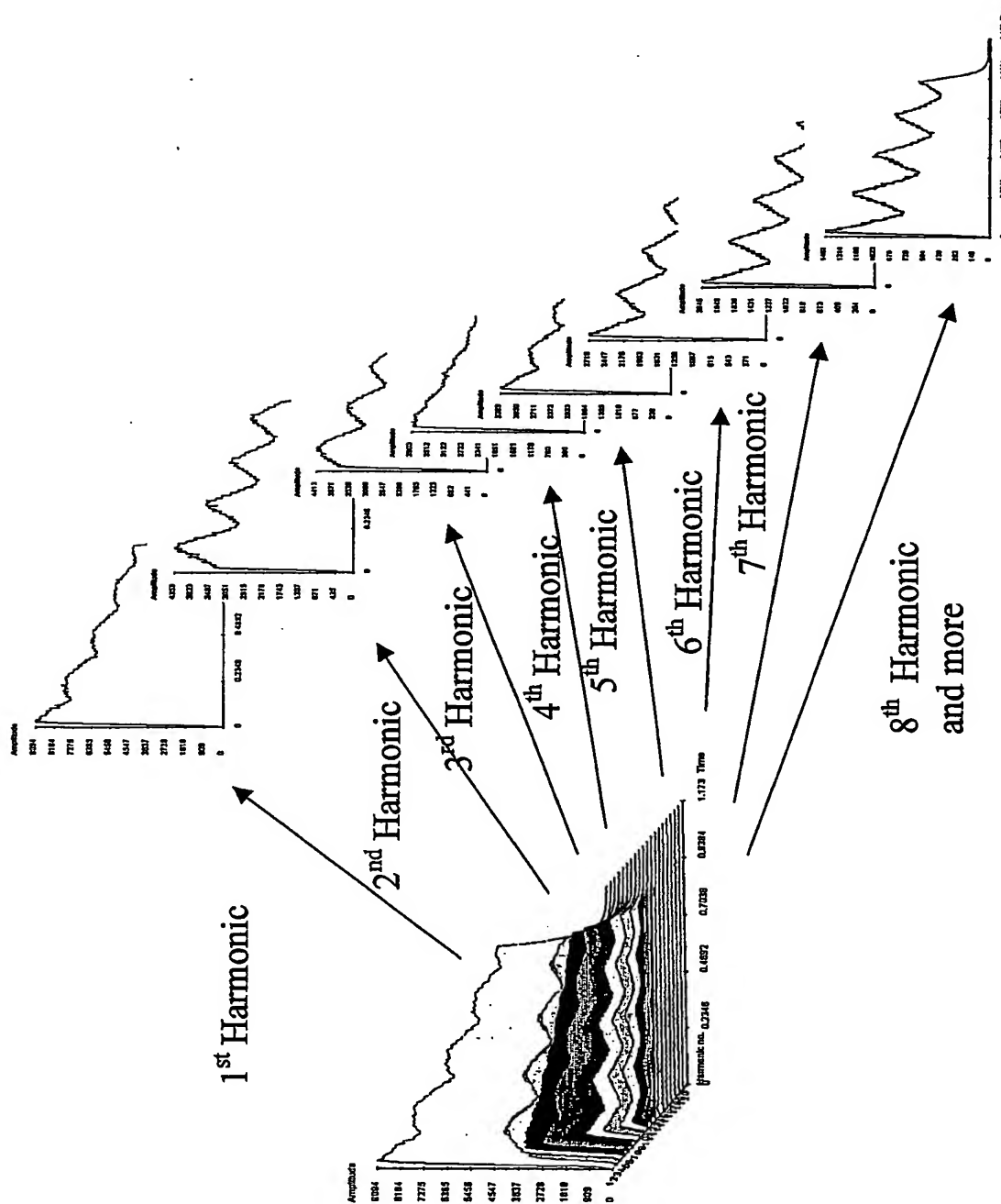


FIG. 6



**FIG. 7**

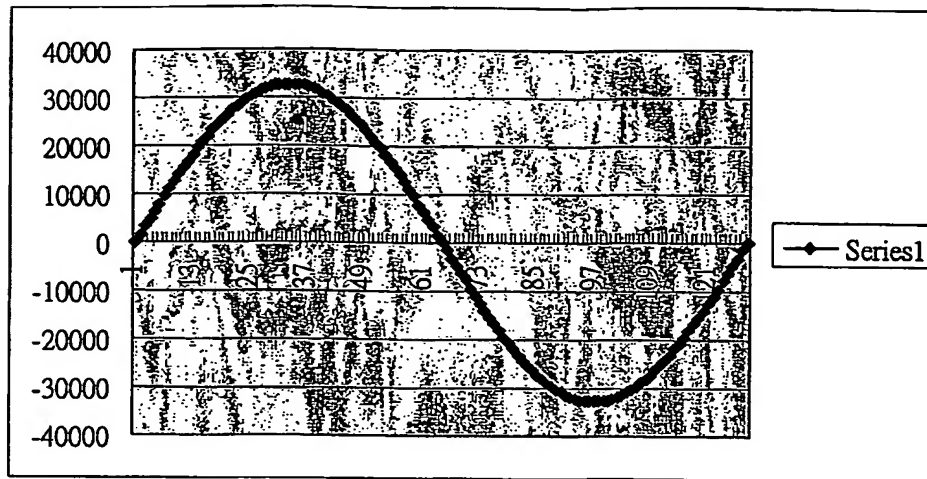


FIG. 8

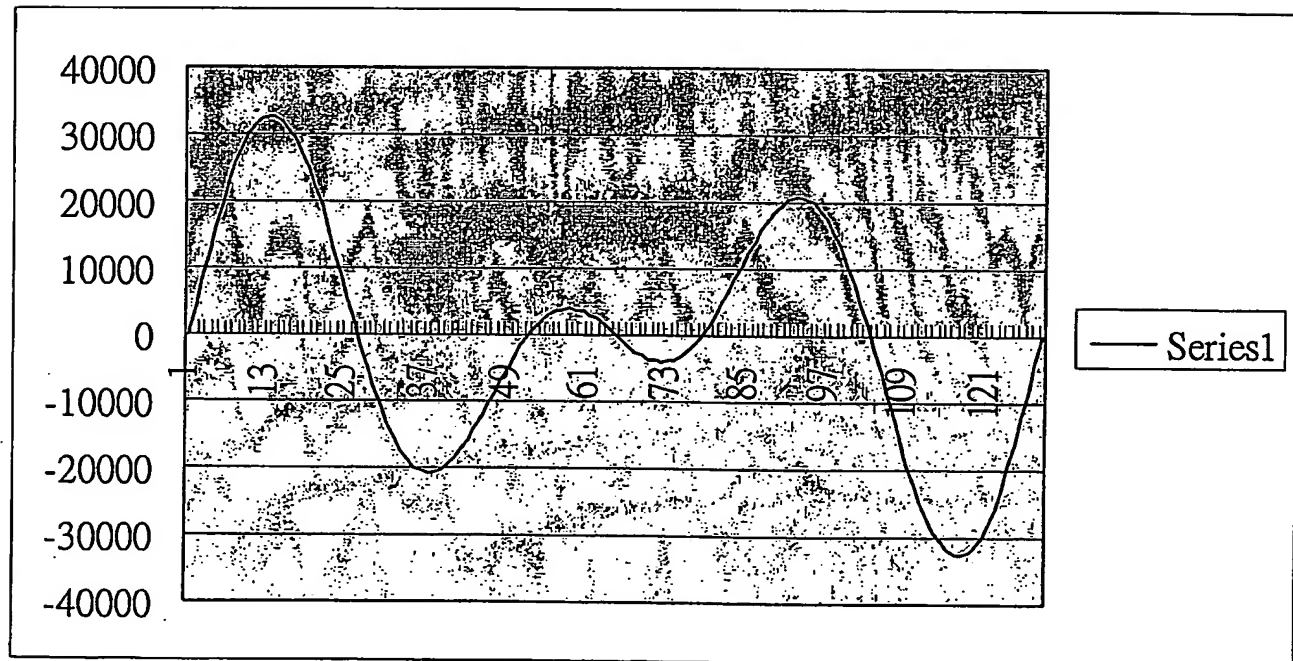
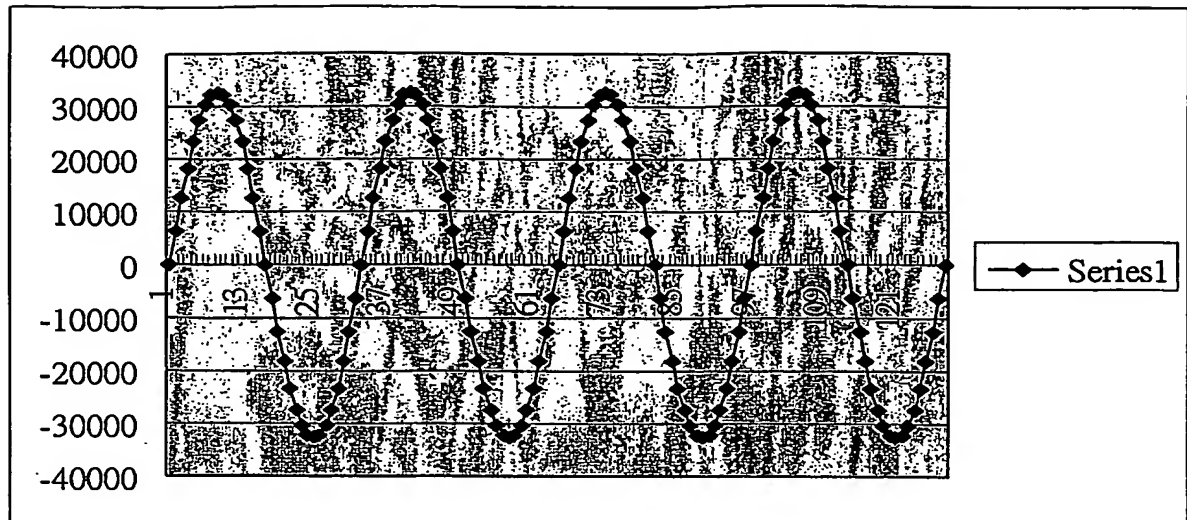


FIG. 9





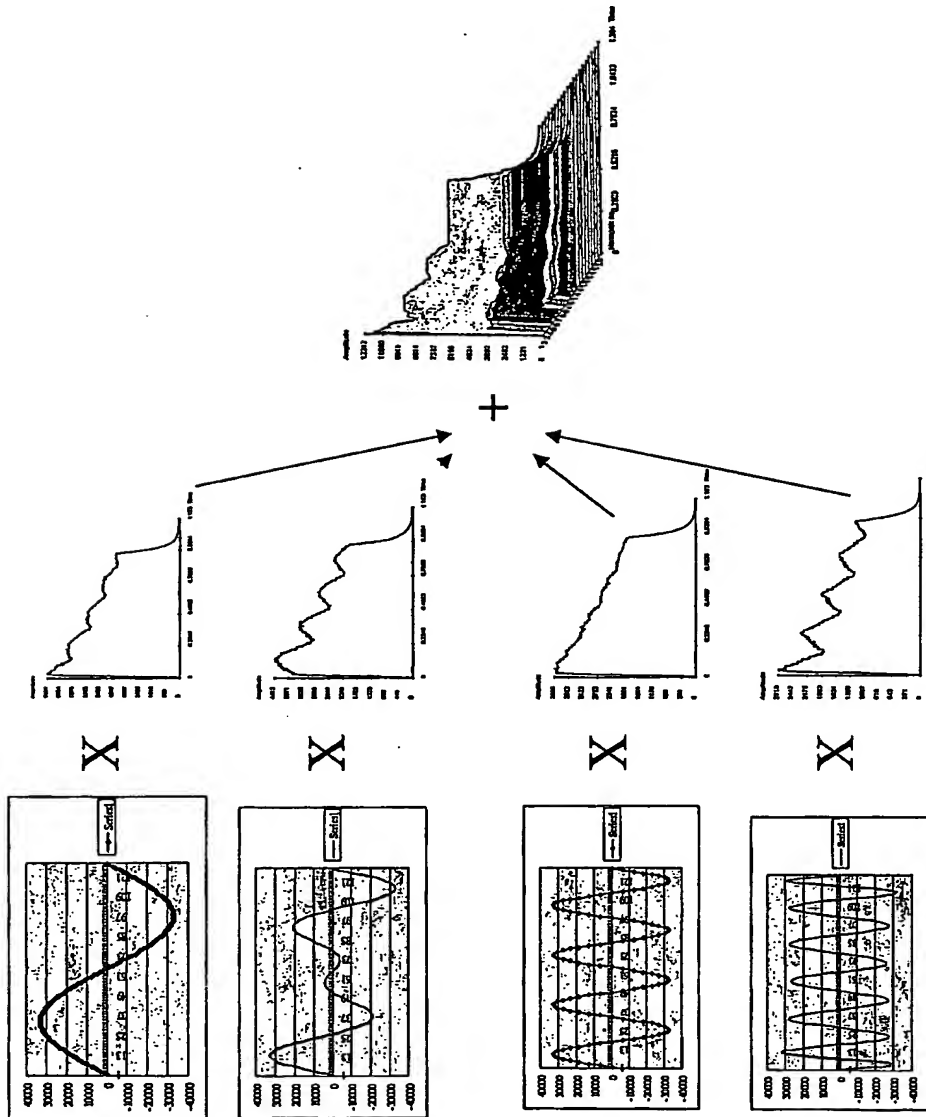
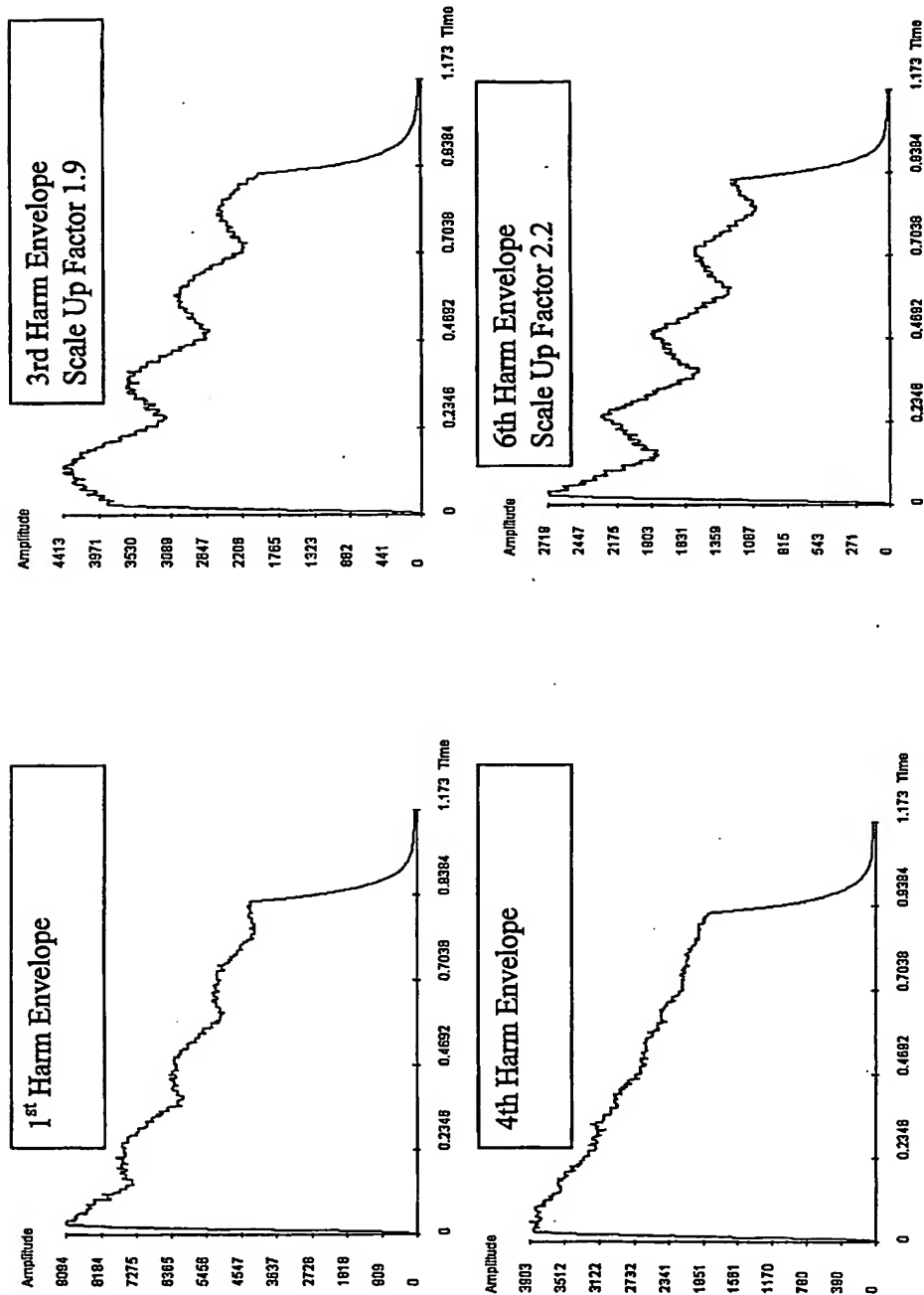


FIG. 12



**FIG. 13**

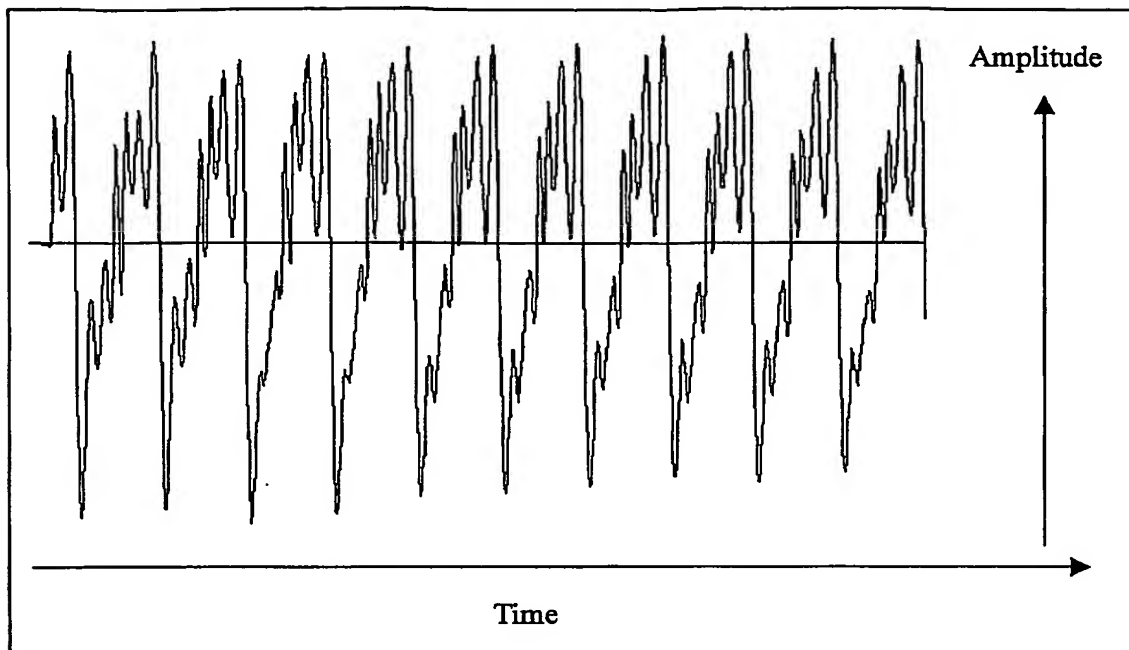


FIG. 14

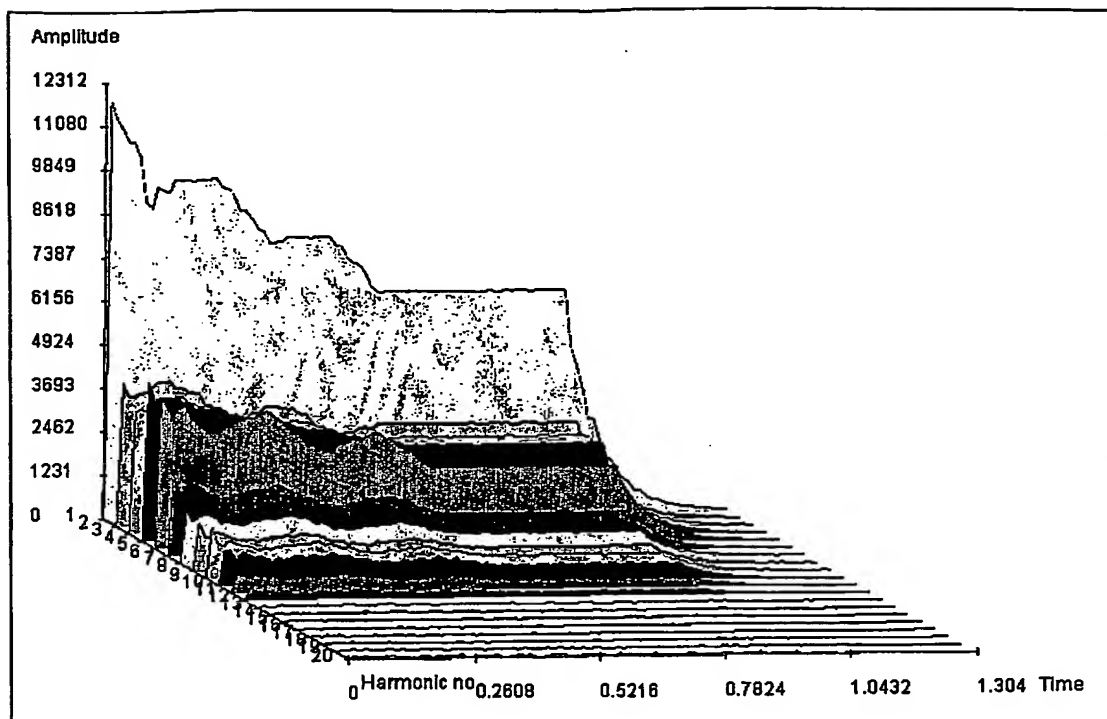


FIG. 15

deg	rad	2nd	3rd	sum	32767	1.9
0	0	0	0	0	0	32652
2.8125	0.049087	0.096817746	0.146730474	0.243548	4200	
5.625	0.098175	0.192703085	0.290284677	0.482988	8329	
8.4375	0.147262	0.286732587	0.427555093	0.714288	12318	
11.25	0.19635	0.378000698	0.555570233	0.933571	16100	
14.0625	0.245437	0.465628456	0.671558955	1.137187	19611	
16.875	0.294524	0.548771957	0.773010453	1.321782	22795	
19.6875	0.343612	0.626630484	0.85772861	1.484359	25598	
22.5	0.392699	0.698454217	0.923879533	1.622334	27978	
25.3125	0.441786	0.763551454	0.970031253	1.733583	29897	
28.125	0.490874	0.821295273	0.995184727	1.81648	31326	
30.9375	0.539961	0.87112957	0.998795456	1.869925	32248	
33.75	0.589049	0.912574412	0.98078528	1.89336	32652	
36.5625	0.638136	0.945230665	0.941544065	1.886775	32538	
39.375	0.687223	0.968783829	0.881921264	1.850705	31916	
42.1875	0.736311	0.983007075	0.803207531	1.786215	30804	
45	0.785398	0.987763426	0.707106781	1.69487	29229	
47.8125	0.834486	0.983007075	0.595699304	1.578706	27226	
50.625	0.883573	0.968783829	0.471396737	1.440181	24837	
53.4375	0.93266	0.945230665	0.336889853	1.282121	22111	
56.25	0.981748	0.912574412	0.195090322	1.107665	19102	
59.0625	1.030835	0.87112957	0.049067674	0.920197	15869	
61.875	1.079922	0.821295273	-0.09801714	0.723278	12473	
64.6875	1.12901	0.763551454	-0.24298018	0.520571	8977	
67.5	1.178097	0.698454217	-0.382683432	0.315771	5445	
70.3125	1.227185	0.626630484	-0.514102744	0.112528	1940	
73.125	1.276272	0.548771957	-0.634393284	-0.08562	-1477	
75.9375	1.325359	0.465628456	-0.740951125	-0.27532	-4749	
78.75	1.374447	0.378000698	-0.831469612	-0.45347	-7821	
81.5625	1.423534	0.286732587	-0.903989293	-0.61726	-10646	
84.375	1.472622	0.192703085	-0.956940336	-0.76424	-13180	
87.1875	1.521709	0.096817746	-0.98917651	-0.89236	-15390	
90	1.570796	1.21016E-16	-1	-1	-17246	
92.8125	1.619884	-0.096817746	-0.98917651	-1.08599	-18729	
95.625	1.668971	-0.192703085	-0.956940336	-1.14964	-19827	
98.4375	1.718058	-0.286732587	-0.903989293	-1.19072	-20535	
101.25	1.767146	-0.378000698	-0.831469612	-1.20947	-20859	
104.0625	1.816233	-0.465628456	-0.740951125	-1.20658	-20809	
106.875	1.865321	-0.548771957	-0.634393284	-1.18317	-20405	
109.6875	1.914408	-0.626630484	-0.514102744	-1.14073	-19673	
112.5	1.963495	-0.698454217	-0.382683432	-1.08114	-18646	
115.3125	2.012583	-0.763551454	-0.24298018	-1.00653	-17359	
118.125	2.06167	-0.821295273	-0.09801714	-0.91931	-15855	
120.9375	2.110758	-0.87112957	0.049067674	-0.82206	-14178	
123.75	2.159845	-0.912574412	0.195090322	-0.71748	-12374	
126.5625	2.208932	-0.945230665	0.336889853	-0.60834	-10492	
129.375	2.25802	-0.968783829	0.471396737	-0.49739	-8578	
132.1875	2.307107	-0.983007075	0.595699304	-0.38731	-6680	
135	2.356194	-0.987763426	0.707106781	-0.28066	-4841	
137.8125	2.405282	-0.983007075	0.803207531	-0.1798	-3101	
140.625	2.454369	-0.968783829	0.881921264	-0.08686	-1499	
143.4375	2.503457	-0.945230665	0.941544065	-0.00369	-64	
146.25	2.552544	-0.912574412	0.98078528	0.068211	1176	
149.0625	2.601631	-0.87112957	0.998795456	0.127666	2201	
151.875	2.650719	-0.821295273	0.995184727	0.173889	2998	

**TABLE B**

rad	5th	6th	7th	8th	9th	10th	11th	12th	sum	32767	2.2
0	0	0	0	0	0	0	0	0	0	0	32132
0.049087	-0.302850496	0.290284677	0.253341	0.205627	0.156775	0.113558	0.076955	0.049446	0.843137	-12557	
0.098175	-0.587548893	0.555570233	0.477064	0.37995	0.283447	0.200299	0.132013	0.082225	1.523018	-22683	
0.147262	-0.837031081	0.773010453	0.645012	0.496428	0.35569	0.239737	0.149507	0.08729	1.909644	-28442	
0.19635	-1.036343725	0.923879533	0.737551	0.53733	0.359633	0.22256	0.124461	0.062933	1.932003	-28775	
0.245437	-1.173540523	0.995184727	0.743861	0.496428	0.294519	0.152824	0.064	0.017363	1.590639	-23691	
0.294524	-1.240398243	0.98078528	0.663205	0.37995	0.172851	0.046997	-0.01467	-0.03406	0.954659	-14218	
0.343612	-1.232909602	0.881921264	0.505012	0.205627	0.017992	-0.06993	-0.08917	-0.074	0.144545	-2152	
0.392699	-1.151523449	0.707106781	0.287778	6.58E-17	-0.14032	-0.17034	-0.13829	-0.089	-0.69459	10346	
0.441786	-1.001117867	0.471396737	0.036899	-0.20563	-0.27169	-0.23052	-0.14807	-0.074	-1.42273	21191	
0.490874	-0.790707789	0.195090322	-0.21829	-0.37995	-0.35089	-0.23627	-0.11571	-0.03406	-1.93079	28758	
0.539961	-0.532904668	-0.09801714	-0.44797	-0.49643	-0.36271	-0.18622	-0.05043	0.017363	-2.15731	32132	
0.589049	-0.243160577	-0.382683432	-0.62527	-0.53733	-0.30488	-0.09219	0.029203	0.062933	-2.09337	31179	
0.638136	0.061157949	-0.634393284	-0.72946	-0.49643	-0.18851	0.023612	0.100524	0.08729	-1.77621	26456	
0.687223	0.361810822	-0.831469612	-0.74838	-0.37995	-0.03594	0.133835	0.143242	0.082225	-1.27463	18985	
0.736311	0.64077766	-0.956940336	-0.6798	-0.20563	0.12353	0.212453	0.145201	0.049446	-0.67096	9994	
0.785398	0.881337892	-1	-0.53174	-1.3E-16	0.259281	0.240897	0.105845	3.27E-17	-0.04438	662	
0.834486	1.06907294	-0.956940336	-0.32152	0.205627	0.345244	0.212453	0.036371	-0.04945	0.540861	-8055	
0.883573	1.192730434	-0.831469612	-0.07371	0.37995	0.364913	0.133835	-0.04345	-0.08223	1.040573	-15498	
0.93266	1.244898657	-0.634393284	0.182721	0.496428	0.314511	0.023612	-0.11091	-0.08729	1.429577	-21292	
0.981748	1.222450773	-0.382683432	0.417789	0.53733	0.203716	-0.09219	-0.14681	-0.06293	1.696671	-25270	
1.030835	1.126732255	-0.09801714	0.604012	0.496428	0.053803	-0.18622	-0.14094	-0.01736	1.838442	-27381	
1.079922	0.963480229	0.195090322	0.719619	0.37995	-0.10644	-0.23627	-0.09496	0.034059	1.854528	-27621	
1.12901	0.742479613	0.471396737	0.751094	0.205627	-0.24625	-0.23052	-0.02196	0.074001	1.745864	-26003	
1.178097	0.47697663	0.707106781	0.694757	1.97E-16	-0.33877	-0.17034	0.057283	0.089	1.516016	-22579	
1.227185	0.182884863	0.881921264	0.557195	-0.20563	-0.36624	-0.06993	0.12023	0.074001	1.174439	-17492	
1.276272	-0.122168564	0.98078528	0.35449	-0.37995	-0.32338	0.046997	0.148967	0.034059	0.739798	-11018	
1.325359	-0.419899513	0.995184727	0.110341	-0.49643	-0.21843	0.152824	0.135316	-0.01736	0.241544	-3597	
1.374447	-0.692462738	0.923879533	-0.14671	-0.53733	-0.07154	0.22256	0.083162	-0.06293	-0.28137	4191	
1.423534	-0.923521483	0.773010453	-0.38661	-0.49643	0.089096	0.239737	0.007345	-0.08729	-0.78466	11687	
1.472622	-1.099226664	0.555570233	-0.5813	-0.37995	0.232619	0.200299	-0.07056	-0.08223	-1.22478	18242	
1.521709	-1.209046954	0.290284677	-0.70804	-0.20563	0.331474	0.113558	-0.12839	-0.04945	-1.56524	23313	
1.570796	-1.2464	3.67545E-16	-0.752	-2.6E-16	0.366679	1.48E-16	-0.14969	-6.5E-17	-1.78141	26533	
1.619884	-1.209046954	-0.290284677	-0.70804	0.205627	0.331474	-0.11356	-0.12839	0.049446	-1.86278	27745	
1.668971	-1.099226664	-0.555570233	-0.5813	0.37995	0.232619	-0.2003	-0.07056	0.082225	-1.81217	26991	
1.718058	-0.923521483	-0.773010453	-0.38661	0.496428	0.089096	-0.23974	0.007345	0.08729	-1.64272	24467	
1.767146	-0.692462738	-0.923879533	-0.14671	0.53733	-0.07154	-0.22256	0.083162	0.062933	-1.37372	20461	
1.816233	-0.419899513	-0.995184727	0.110341	0.496428	-0.21843	-0.15282	0.135316	0.017363	-1.02689	15295	
1.865321	-0.122168564	-0.98078528	0.35449	0.37995	-0.32338	-0.047	0.148967	-0.03406	-0.62398	9294	
1.914408	0.182884863	-0.881921264	0.557195	0.205627	-0.36624	0.069929	0.12023	-0.074	-0.18629	2775	
1.963495	0.47697663	-0.707106781	0.694757	3.29E-16	-0.33877	0.17034	0.057283	-0.089	0.264483	-3939	
2.012583	0.742479613	-0.471396737	0.751094	-0.20563	-0.24625	0.230524	-0.02196	-0.074	0.704863	-10498	
2.06167	0.963480229	-0.195090322	0.719619	-0.37995	-0.10644	0.236269	-0.09496	-0.03406	1.108867	-16515	
2.110758	1.126732255	0.09801714	0.604012	-0.49643	0.053803	0.186216	-0.14094	0.017363	1.448778	-21578	
2.159845	1.222450773	0.382683432	0.417789	-0.53733	0.203716	0.092187	-0.14681	0.062933	1.697618	-25284	
2.208932	1.244898657	0.634393284	0.182721	-0.49643	0.314511	-0.02361	-0.11091	0.08729	1.832863	-27298	
2.25802	1.192730434	0.831469612	-0.07371	-0.37995	0.364913	-0.13384	-0.04345	0.082225	1.840393	-27410	
2.307107	1.06907294	0.956940336	-0.32152	-0.20563	0.345244	-0.21245	0.036371	0.049446	1.717473	-25580	
2.356194	0.881337892	1	-0.53174	-3.9E-16	0.259281	-0.2409	0.105845	9.81E-17	1.473822	-21951	
2.405282	0.64077766	0.956940336	-0.6798	0.205627	0.12353	-0.21245	0.145201	-0.04945	1.130379	-16835	
2.454369	0.361810822	0.831469612	-0.74838	0.37995	-0.03594	-0.13384	0.143242	-0.08223	0.716092	-10665	
2.503457	0.061157949	0.634393284	-0.72946	0.496428	-0.18851	-0.02361	0.100524	-0.08729	0.263627	-3926	
2.552544	-0.243160577	0.382683432	-0.62527	0.53733	-0.30488	0.092187	0.029203	-0.06293	-0.19484	2902	
2.601631	-0.532904668	0.09801714	-0.44797	0.496428	-0.36271	0.186216	-0.05043	-0.01736	-0.63071	9394	
2.650719	-0.790707789	-0.195090322	-0.21829	0.37995	-0.35089	0.236269	-0.11571	0.034059	-1.02041	15199	

TABLE C